grating filter being tuned to a wavelength of a signal to be launched, such that said signal is reflected as a reflected signal, and incoming signals having all other wavelengths are passed at, and output at, an output, said second optical coupler having an add input into which said signal to be launched is fed against its transmission direction, reflected, and added to said passed signals;

said second output of said first coupler being connected to a further optical filter via which an incoming optical signal is output.

2. (Amended) The add-drop arrangement as claimed in claim 1, wherein said further optical filter of said add-drop arrangement is configured to output different transmission channels.

3. (Amended) The add-drop arrangement as claimed in claim 2, further comprising:

further filters which can be exchanged or switched over; and

exchangeable second optical couplers with grating filters tuned to other wavelengths.

4. (Amended) The optical ring network as claimed in claim 3, wherein said add-drop arrangement has exchangeable second optical couplers which are tuned to other wavelengths.

5. (Amended) The optical ring network as claimed in claim 2, wherein said second optical coupler has a further connection via which said reflected signals are led to an optical sink.

6. (Amended) An optical unidirectional ring network, comprising:

a plurality of network nodes, in which data signals are transmitted in wavelength-division multiplex operation via an optical fiber and every network node